

Date: Wed, 13 Jul 94 08:07:26 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #786  
To: Info-Hams

Info-Hams Digest                      Wed, 13 Jul 94                      Volume 94 : Issue    786

Today's Topics:

    A.N.A.R.T.S. News Bulletin 817 10th July 1994  
    Daily Summary of Solar Geophysical Activity for 10 July  
    Daily Summary of Solar Geophysical Activity for 11 July  
        Learning the dreaded CODE!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: 13 Jul 1994 20:03:28 +1000  
From: ihnp4.ucsd.edu!agate!msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!  
metro!news.ci.com.au!eram.esi.com.au!not-for-mail@network.ucsd.edu  
Subject: A.N.A.R.T.S. News Bulletin 817 10th July 1994  
To: info-hams@ucsd.edu

[ ANARTS - Australian National Amateur Radio Teletype Society ]

A.N.A.R.T.S. News Bulletin 817 10th July 1994

3.545 MHz	0930 UTC	VK2BQS (Jim)
7.045 MHz -3	0030 UTC	VK2CTD (Col)
14.070 MHz (amtor/fec)	0030 UTC	VK2DPM (Alan)
14.091 MHz	0030 UTC	VK2BQS (JIM)
146.675 MHz	0030/0930 UTC	VK2JPA (PAT)
144.850 MHz (ax25 bbs)		VK2JPA AT VK2RWI (or VK2OP)
146.675 MHz (rtty mmbbs/repeater)		VK2RTY

There's not much news around this week ...

Logs continue to come for the contest. If you have not sent in your log yet, don't leave it too long. With the vagaries of some of the postal systems, it is not worth risking your log arriving past the deadline.

Some very interesting logs have come in and results promise to be to be surprising, unless changed by further entries still in transit.

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News from W.A suggest the Old Timers Club over there is thriving. The club has found a couple of very friendly venues and they appear to have a good social gathering every fortnight. If you have any enquiries about the club, contact Ray VK6PW.

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And now news from WIA Federal

Members transferring Divisions

If a member of one Division wishes to transfer to another Division without changing their state of residence, it is now Federal policy that there is consultation between the Divisions, except where applicants reside less than 50 km from a State border or outside Australia.

There has been for many years a "gentleman's agreement" between Divisions that there will be no "poaching" of members from one Division by another Division.

The policy was formalised at the annual Federal Convention in Melbourne over April 30th-May 1st. The formal motion noted that the Federal Office had written a letter to certain members advising that they may join any Division regardless of their state of residence, and further noted the adverse effect of this on the Divisional structure.

A WIA member belongs to an individual Division. The Federal WIA, on the other hand, has only the seven Divisions as members. It's a pretty simple structure.

-----  
Date: Sun, 10 Jul 1994 22:06:44 MDT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!  
europa.eng.gtefsd.com!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!  
usenet@network.ucsd.edu  
Subject: Daily Summary of Solar Geophysical Activity for 10 July  
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

10 JULY, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 10 JULY, 1994  
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NOTE: Energetic electrons returned to normal levels today.

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 191, 07/10/94  
10.7 FLUX=086.0 90-AVG=080 SSN=092 BKI=0010 0111 BAI=001  
BGND-XRAY=A6.9 FLU1=7.8E+05 FLU10=1.4E+04 PKI=1111 2222 PAI=005  
BOU-DEV=004,002,006,004,004,005,008,008 DEV-AVG=005 NT SWF=00:000  
XRAY-MAX= B7.2 @ 0343UT XRAY-MIN= A6.2 @ 0313UT XRAY-AVG= A8.9  
NEUTN-MAX= +003% @ 1215UT NEUTN-MIN= -001% @ 2200UT NEUTN-AVG= +0.5%  
PCA-MAX= +0.1DB @ 2145UT PCA-MIN= -0.7DB @ 0115UT PCA-AVG= -0.0DB  
BOUTF-MAX=55253NT @ 1402UT BOUTF-MIN=55224NT @ 1909UT BOUTF-AVG=55242NT  
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+085,+000,+000  
GOES6-MAX=P:+000NT@ 0000UT GOES6-MIN=N:+000NT@ 0000UT G6-AVG=+000,+000,+000  
FLUXFCST=STD:086,087,088;SESC:086,087,088 BAI/PAI-FCST=010,015,015/012,015,015  
KFCST=2223 1222 2234 1222 27DAY-AP=011,014 27DAY-KP=3223 2333 3333 3333  
WARNINGS=  
ALERTS=  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 09 JUL 94 was 40.0.  
The Full Kp Indices for 09 JUL 94 are: 2- 1+ 0+ 1+ 2- 3- 2+ 2-  
The 3-Hr Ap Indices for 09 JUL 94 are: 7 5 2 5 7 11 10 6  
Greater than 2 MeV Electron Fluence for 10 JUL is: 1.3E+07

## SYNOPSIS OF ACTIVITY

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Solar activity was very low. Region 7746 (N12W30) decayed slightly in white light over the past 24 hours. The region displays three nearly-equal penumbral areas with the trailer polarity between the two larger and darker penumbral areas. Region 7749 (S08W39) had some growth this period. 7749 accounted for two B-class/SF flares with the largest, a B7, occurring at 10/0342Z. Six other uncorrelated weak B-class x-ray events were reported at various times throughout the period. No other significant activity was reported. Three new regions were numbered this period. Region 7750 (S16W40) and Region 7751 (S12E57) emerged as BX0 beta groups. Region 7752 (N21W01) appeared as a faint two-spot AXX group but since its numbering, has decayed to a small, compact area of plage.

Solar activity forecast: solar activity is expected to be low. Despite its slight decay, Region 7746 still displays good potential for C-class and possible M-class activity. Another area with good C and possible M-class potential is the two region complex 7749 and 7750. Their close proximity could produce significant activity.

The geomagnetic field has been at quiet levels for the past 24 hours. The GT 2 mev energetic electron flux was at normal to moderate levels.

Geophysical activity forecast: the geomagnetic field is expected to be mostly quiet to unsettled for the next 3 days.

### Event probabilities 11 jul-13 jul

Class M	10/15/15
Class X	01/05/05
Proton	01/01/01
PCAF	Green

### Geomagnetic activity probabilities 11 jul-13 jul

#### A. Middle Latitudes

Active	20/30/30
Minor Storm	05/10/15
Major-Severe Storm	01/05/05

#### B. High Latitudes

Active	20/30/30
Minor Storm	10/15/15

Major-Severe Storm 05/05/05

HF propagation conditions were normal over all regions.  
A mild enhancement of geomagnetic activity on 12 and 13 July  
could produce minor signal degradation on transauroral  
circuits, although nothing significant is expected.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 10/2400Z JULY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7746	N12W31	157	0130	DAI	07	014	BETA	
7747	S15W20	146	0050	CSO	07	007	BETA	
7749	S08W39	165	0060	DAI	08	013	BETA	
7750	S16W41	167	0020	BX0	03	003	BETA	
7751	S12E56	070	0030	BX0	03	005	BETA	
7743	S10W91	217					PLAGE	
7745	N08W91	217					PLAGE	
7748	S03W62	188					PLAGE	
7752	N21W02	128					PLAGE	

REGIONS DUE TO RETURN 11 JULY TO 13 JULY

NMBR	LAT	LO
7740	S12	020

LISTING OF SOLAR ENERGETIC EVENTS FOR 10 JULY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 10 JULY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 10/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
90	N35W00	N25W23	N25W23	N41W10	136	ISO	POS	005	10830A
92	N15E45	N01E37	N15E10	N27E42	097	ISO	POS	013	10830A

# SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
09 Jul:	0026	0031	0033	B1.2						
	0931	0934	0940	B1.6	SF	7746	N11W13			
	1845	1857	1905	B4.5	SF	7749	S10W25			

# REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7746:	0	0	0	1	0	0	0	0	001	(33.3)
Region 7749:	0	0	0	1	0	0	0	0	001	(33.3)
Uncorrelated:	0	0	0	0	0	0	0	0	001	(33.3)

Total Events: 003 optical and x-ray.

# EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
09 Jul:	0026	0031	0033	B1.2				III
	0931	0934	0940	B1.6	SF	7746	N11W13	III,V
	1845	1857	1905	B4.5	SF	7749	S10W25	III,V

## NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II = Type II Sweep Frequency Event  
 III = Type III Sweep  
 IV = Type IV Sweep  
 V = Type V Sweep  
 Continuum = Continuum Radio Event  
 Loop = Loop Prominence System,  
 Spray = Limb Spray,

\*\* End of Daily Report \*\*

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11 JULY, 1994

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 11 JULY, 1994

NOTE: The Effective Sunspot Number for 10 JUL 94 was 45.0.  
 The Full Kp Indices for 10 JUL 94 are: 1o 1- 1+ 1- 2- 2+ 2- 2-  
 The 3-Hr Ap Indices for 10 JUL 94 are: 4 3 5 3 7 9 7 7  
 Greater than 2 MeV Electron Fluence for 11 JUL is: 1.8E+07

## SYNOPSIS OF ACTIVITY

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Solar activity was very low. Activity this period consisted of 2 weak optically uncorrelated B-class x-ray events and a B6/SF from Region 7749 (S09W53) occurring at 11/1002Z. In white light, this region has grown slightly while overall spot count has declined. Just to the south, Region 7750 (S17W55) has shown the most growth of any region on the disk. Though stacked, both regions maintain a simple north to south magnetic inversion line so have been fairly quiet the past 24 hours. Region 7746 (N11W44) also indicated some growth this period in both areal coverage, spot count and mag complexity. Yesterday, 7746 had three distinct penumbral areas but has since lost the penumbra around the leader spot group while forming a delta magnetic configuration in the trailer group. Region 7753 (S12E68) was numbered as a simple AXX group. The remainder of the disk and limb was quiet and stable.

Solar activity forecast: solar activity is expected to be low. Both Regions 7746 and 7750 display good potential for C-class and possible M-class activity.

The geomagnetic field has been at quiet levels for the past 24 hours. The GT 2 MeV energetic electron flux was at normal to moderate levels.

Geophysical activity forecast: the geomagnetic field is expected to be mostly quiet to unsettled for the next three days.

Event probabilities 12 jul-14 jul

Class M	05/05/05
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 12 jul-14 jul

### A. Middle Latitudes

Active	20/20/30
Minor Storm	10/10/15
Major-Severe Storm	05/05/05

### B. High Latitudes



Active	20/30/30
Minor Storm	10/15/15
Major-Severe Storm	05/10/05

HF propagation conditions were normal over all regions.  
Near-normal propagation is expected to continue over all regions throughout the next 72 hours.

# COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

## REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 11/2400Z JULY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7746	N11W45	157	0140	DAC	07	018	BETA-DELTA	
7747	S16W38	150	0030	HSX	02	003	ALPHA	
7749	S09W54	166	0080	DAO	08	007	BETA	
7750	S17W56	168	0090	DSO	05	005	BETA	
7751	S12E42	070	0030	CRO	05	007	BETA	
7753	S12E67	045	0000	AXX	01	002	ALPHA	
7748	S03W75	187					PLAGE	
7752	N21W15	127					PLAGE	

REGIONS DUE TO RETURN 12 JULY TO 14 JULY

NMBR	LAT	LO
7740	S12	020

## LISTING OF SOLAR ENERGETIC EVENTS FOR 11 JULY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

## POSSIBLE CORONAL MASS EJECTION EVENTS FOR 11 JULY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

## INFERRED CORONAL HOLES. LOCATIONS VALID AT 11/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
90	N43W14	N21W34	N21W34	N43W14	135	ISO	POS	002	10830A
92	N01E37	S08E26	N10W03	N27E30	094	ISO	POS	015	10830A

# SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
10 Jul:	0119	0123	0125	B1.3						
	0335	0342	0348	B7.2	SF	7749	S07W27			
	0434	0439	0442	B1.7	SF	7749	S09W32			
	0558	0601	0603	B1.6						
	0703	0706	0709	B1.5						
	0759	0804	0814	B1.6						
	0817	0822	0827	B2.8						
	1750	1753	1755	B1.1						

# REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7749:	0	0	0	2	0	0	0	0	002	(25.0)
Uncorrelated:	0	0	0	0	0	0	0	0	006	(75.0)

Total Events: 008 optical and x-ray.

# EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
10 Jul:	0434	0439	0442	B1.7	SF	7749	S09W32	III
	0817	0822	0827	B2.8				III,V

## NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

- II = Type II Sweep Frequency Event
- III = Type III Sweep
- IV = Type IV Sweep
- V = Type V Sweep

Continuum = Continuum Radio Event  
Loop = Loop Prominence System,  
Spray = Limb Spray,  
Surge = Bright Limb Surge,  
EPL = Eruptive Prominence on the Limb.

\*\* End of Daily Report \*\*

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Date: 13 Jul 1994 11:08:44 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!jobone!ukma!  
newsfeed.gsfc.nasa.gov!trmmstocker.gsfc.nasa.gov!stocker@network.ucsd.edu  
Subject: Learning the dreaded CODE!  
To: info-hams@ucsd.edu

> Organization: HP Sonoma County (SRSD/MWTD/MID)  
> X-Newsreader: TIN [version 1.1 PL9.2]  
> Lines: 19  
>  
> John Derry (derry@NeXtWork.Rose-Hulman.Edu) wrote:  
> : Howdy,  
>  
> : When I hear a ham friend say, "I just can't learn Morse code.", I  
ask  
> : him, "What's this: dah di da dit dah dah di dah?"  
>  
> : They (almost) always say, "That's easy. It's CQ."  
>  
> : To which I replay, "See you CAN learn MC, now all you need to do is  
learn  
> : the other 24 letters."  
>  
> For non-hams I point out that they probably already know "SOS", which  
> means they know S and O. And the first 4 notes of Beethoven's Fifth  
> (roman numeral V) are "dit dit dit dah" which is the "V" for victory  
> used in WWII. That means they already know 3 letters, more than  
> 10% of the alphabet, without even trying!  
>  
> AL N1AL  
>

All these responses to YOU TOO CAN LEARN THE CODE, tend to paint  
simplistic pictures of ease that have at their heart that people  
who can't seem to learn the code are just lazy. Like any thing that  
one learns (or in this case memorizes), things come easy for some and  
not for others.

For the past year I have been trying to get up to 13wpm. I practice every day for at least 30min and many days twice for 30min. I can, with 90% accuracy, take 5, 6 or 7 character random code groups (on my computer not with pencil) at 18wpm. However, when I shift to random length code groups, I have trouble even getting 10 wpm at a less than 90% accuracy rate.

I dare defy any one to tell me that I have been lazy in learning the code. I also defy anyone to tell me that it is easy for me regardless of how easy it was for them.

After a close to a year of being able to take fixed length random code groups at 18wpm and still not being able to complete 13 wpm transmission rate, I'm fairly bored with the entire process. Beeping away is not my idea of fun or challenge. Quite honestly, its just a big bore.

Erich

```
*****
* Erich Franz Stocker *
* N3OXM *
* stocker@spsosun.gsfc.nasa.gov *
* *
* My ideas are my own and do not represent*
* the opinions of the federal government, *
* NASA or Goddard Space Flight Center. *
*****
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Date: 13 Jul 1994 11:15:32 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!jobone!ukma!  
newsfeed.gsfc.nasa.gov!trmmstocker.gsfc.nasa.gov!stocker@network.ucsd.edu  
To: info-hams@ucsd.edu

References <CstyJ4.Ctp@sword.eng.hou.compaq.com>, <Csu72u.69H@nntpa.cb.att.com>,  
<3000gt\$eds@gap.cco.caltech.edu>.g  
Subject : Re: Lack of professional consideration for HAM operators

In article <CstyJ4.Ctp@sword.eng.hou.compaq.com> Eric Bush,  
erich@lestat.im.hou.compaq.com writes:

>  
> It seems to me that the FCC (Government) does not understand the  
concept of  
> the Amateur Radio service. If they did, they would put a higher  
priority on

> these issues. Everyone knows that Amateur Radio is responsible for providing  
> many hours of emergency radio service during disasters, etc.

Well while I know the frustrations of waiting for the ticket, I have to say that the FCC has larger fish to fry than Ham radio. Also, the amateur service has no RESPONSIBILITY for emergency radio service. Hams provide such services but there is no legal expectation or requirement for it.

The time waiting for the ticket can be put to very good use in research. I immediately began to study for the next license grade, plugged away at code, sharpened my understanding of theory, monitored my local repeaters to learn customs, procedures and styles, and research rigs.

The FCC proposed an instant license mechanism to deal with waiting periods in light of the fact that they don't have direct computer on-line capabilities yet. Your fellow amateurs rejected their proposed scheme as dangerous and impractical. No, alternative solution was provided that could be implemented in the short time. So, we just live with it.

```
*****
*   Erich Franz Stocker                               *
*   N30XM                                              *
*   stocker@spsosun.gsfc.nasa.gov                     *
*                                                     *
* My ideas are my own and do not represent*
* the opinions of the federal government, *
* NASA or Goddard Space Flight Center.    *
*****
```

-----  
Date: (null)  
From: (null)  
(HMMMMMM... Ed.)

IPS weekly report  
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01 July - 07 July 1994

Issue No 27  
Date of issue: 8 July 1994

INDICES:

Date	01	02	03	04	05	06	07
10cm	87	83	86	85	83	84	88
A	24	29	17	12	07	15	(15 estimated)

T            39      22      25      30      33      35      46

#### SUMMARY OF ACTIVITY

Solar activity was very low 1st to 6th July and moderate on 7th.

The geomagnetic field at Learmonth (WA) was quiet to active 1st and 3rd July, unsettled to active on 2nd, quiet to unsettled on 4th and 5th, quiet on 6th, and unsettled to active on 7th.

Ionospheric F2 critical frequencies at Sydney were mostly near predicted monthly values, with 15-40 per cent enhancement during local night on 1st, and about 10 per cent above on 7th.

#### FORECAST FOR THE NEXT WEEK (8 - 14 July)

SOLAR:            Very low to low.

GEOMAGNETIC:    Unsettled to quiet by the end of the week.

IONOSPHERIC:    Near predicted monthly values to about 10 per cent above predicted values.

#### Updated IPS Monthly Predicted Smoothed T-indices

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994		38	36	35	34	32	30	26	24	22	21	20
1995	19	18	17	16	15	15	14	13	12	11	11	11
1996	10	10	9	8	8	8	8	9	9	10	11	12
1997	13	15	16	18	21	23	26	29	33	37	42	47

Courtesy of IPS Radio and Space Services, Sydney

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VK2SG RTTY DX NOTES 1 JULY 94

VK2SG RTTY DX NOTES FOR WEEK ENDING 1 JULY 1994 (BID RTDX0701)

JUST RECEIVED WORD THAT SYD, VK2SG IS BACK IN HOSPITAL WITH A FEW FRACTURED BRITTLE BONES. SYD IS SITTING UP GETTING SOME

REHABILITATION AND IS A BIT SHORT ON BREATH. GET WELL SOON  
SYD, WE ARE ALL THINKING OF YOU. (EDITORS NOTE -- SYD IS BACK  
HOME AFTER THREE WEEKS IN HOSPITAL AND IS RECOVERING SLOWLY.)

OUR INFORMATION THIS WEEK CAME FROM: DJ3IW AND THE CENTRAL-  
EUROPE DX CLUSTER NODE DB0SPC, I5FLN AND THE IK5PWJ PACKET  
CLUSTER, N2DBI, W2JGR AND THE NJ0M NODE THE TWIN-CITIES DX  
PACKET CLUSTER VK2EG AND W5KSI. THANK YOU ALL FOR YOUR  
ASSISTANCE.

BANDPASS

FRIDAY 24

0122-14081 YL1ZE  
0130-14088 UN5PR  
1457-14086 ZA1AJ QSL OK2PSZ  
1509-14084 ZA1AJ  
1601-14087 EW8OS

SATURDAY 25

0518-14084 F05MA  
2046-14086 TZ6FIC

SUNDAY 26

1221-14084 ZA1AJ  
1515-14087 A45XC

MONDAY 27

1757-14081 7Q7ZZ  
1759-14087 SV1ADG  
1801-14084 ZA1AJ  
1801-14082 GM4SUC  
1901-14084 9K2WA  
2349-14087 EI3GZ  
2356-14084 UA9QBM

TUESDAY 28

0111-14087 EI3GZ  
1926-14085 SV5AZP  
2132-14073 ZA1MH PACTOR

WEDNESDAY 29

2007-14084 SV1CER  
2009-14088 EI3GZ  
2356-14084 UA9QBM

TUESDAY 28

0111-14087 EI3GZ

1926-14085 SV5AZP  
2132-14073 ZA1MH PACTOR

WEDNESDAY 29

2007-14084 SV1CER  
2009-14088 SV5AZP  
2117-14086 ZA1MH  
2157-14089 GM4SUC  
2157-14086 TI2Y0  
2202-14083 ER1PE

THURSDAY 30

0220-14073 XE1VV PACTOR  
2117-14091 OZ1GML

NOTES OF INTEREST.

CONGO, TN. RUDI, DK7PE WILL BE IN THE CONGO FROM 11 JULY FOR ABOUT 10 DAYS.. RUDI HAS APPLIED FOR THE CALL TN0CW. ALSO NO MENTION OF RTTY.

NEPAL 9N. SATISH 9N1AA, HAS BEEN WORKED ON RTTY IN THE PAST, AND HAS RECENTLY DISCOVERED THE MODE PACTOR. SATISH IS HAVING A PROBLEM WORKING STATESIDE STATIONS AND IS LOOKING FOR ANYBODY THAT COULD HELP HIM SOLVE THE PROBLEM. IF YOU CAN HELP, LEAVE A MESSAGE IN JA5TX'S MAILBOX, SATISH CHECKS STATESIDE STATIONS AND IS LOOKING FOR ANYBODY THAT COULD HELP HIM SOLVE THE PROBLEM. IF YOU CAN HELP, LEAVE A MESSAGE IN JA5TX'S MAILBOX, SATISH CHECKS IT DAILY.

FOR NEXT WEEK'S BULLETIN, SEND YOUR BANDPASS AND NOTES OF INTEREST TO JULES, W2JGR AT W5KSI.#NOLA.LA.USA.NA

REMEMBER, DX DON'T SLEEP.  
GL DE BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA

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As there has not been much DX around we are including the ARRL DX Notes for your interest.

DX BULLETIN 38 ARLD038  
FROM ARRL HEADQUARTERS  
NEWINGTON CT JUNE 30, 1994  
TO ALL RADIO AMATEURS



THE ITEMS IN THIS WEEK'S BULLETIN ARE COURTESY OF LARRY, WA9MAG, THE NORTHERN ILLINOIS DX ASSOCIATION, JAMES, 9V1YC, AND THE YANKEE CLIPPER CONTEST CLUB PACKETCLUSTER NETWORK. THANKS.

HUANGUAY DAO, AKA SCARBOROUGH REEF. THIS WEATHER HAMPERED OPERATION RAN ONLY 14 HOURS. THOUGH LIMITED TO SSB ONLY, NEARLY 2,000 QSOS WERE MADE, NEARLY HALF OF WHICH WERE WITH STATESIDE STATIONS. FOR THE LUCKY FEW, QSL VIA W6CF.

MOROCCO. VALENTINI, IK4JQO, WILL SIGN CN2VA FROM AUGUST 6 TO 22. THIS SSB ONLY OPERATION WILL BE ON 80 THROUGH 10 METERS WITH SPECIAL EMPHASIS ON THE 17 AND 12 METER BANDS. QSL VIA IK4JQO.

GLORIOSO ISLAND. FR5ZQ SHOULD BE ACTIVE DURING JULY AND AUGUST.

HAITI. TELEVISION NEWS AGENCY EMPLOYEES N4MU AND W6RCL ARE ASSIGNED TO PORT AU PRINCE. THEY ARE BOTH ACTIVE SIGNING THEIR CALLS /HH2. BOTH OPERATE SSB ONLY. CHECK 14190 KHZ AT 0300Z.

THE CONGO. RUDI, DK7PE, PLANS TO START HIS ONE WEEK TN OPERATION AROUND JULY 10. THE CALL TN0CW HAS BEEN REQUESTED. QSL VIA DK7PE.

TANZANIA. R3ARES, THE CLUB STATION OF HQ RUSSIAN ARES, HAS MOVED TO TANZANIA FROM YUGOSLAVIA AND IS NOW ON THE AIR AS R3AREX/5H. THE RESCUE TEAM FROM THE RUSSIAN MINISTRY OF EMERGENCY SITUATIONS IS PROVIDING HUMANITARIAN UN AID FOR RWANDA REFUGEES IN TANZANIA. CHECK THE RUSSIAN ARES NET ON 14292 KHZ AT 0700 AND 1700Z. QSL VIA RW3AH.

VIETNAM. PAUL, AA2AV, AND MIKE N KM1R, ARE SUPPOSED TO BE ACTIVE UNTIL JULY 2, HOWEVER OUR LOCAL PACKETCLUSTER NODE HAS NO QSNS AS YET.

SINGAPORE. 9V1ARU OF THE SINGAPORE AMATEUR RADIO TRANSMITTING SOCIETY WILL BE ON DURING THE UPCOMING IARU CONTEST UNDER THE HQ CATEGORY, AN OFFICIAL IARU REGION 3 MEMBER ORGANIZATION. OPERATORS INCLUDE 9V1YC, 9V1ZB AND JE1JKL. THIS WILL BE THE VERY FIRST SINGAPORE MULTI-OP STATION IN AN INTERNATIONAL CONTEST.

STATIONS HEARD OR WORKED FROM NORTHERN ILLINOIS INCLUDE,

5N0/DL9GMM 7012 KHZ AT 0529Z

5W1GC	7003/1040Z
X5EBL	7003/0026
6W6JX	10104/2232
HB0/DL8HWA	10103/0249
HK0ER	10102/0116
9K2MU	14179/0151 AND 14247/0013
C53HG	14198/2220
KH3AF	14247/0221
V09TX	14258/0020
HP8ADU	18137/0155
VR6DX	28457/0135
VE6BPR	50165/0011
XE1J	50130/0013
ZF1DC	50125/0112

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#### Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD, or the Secretary (Pat) VK2JPA at VK2RWI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA at VK2RWI. Email addresses for the Broadcast Officer are :

patl(at)pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We know we reach New Zealand and many South Pacific islands, and we were reaching as far north as Japan when conditions were right. We are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

That concludes the broadcast for this morning/evening.

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Dave Horsfall (VK2KFU)	VK2KFU @ VK2AAB.NSW.AUS.OC	PGP 2.6
dave@esi.COM.AU	...munari!esi.COM.AU!dave	available

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End of Info-Hams Digest V94 #786

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